

Technical Datasheet - Duplex PVC/PVdC Barrier Film Clear 300.60 (H)

Customer AFC

PRODUCT :

PRODUCT : Pharmaceutical Grade Duplex PVC/PVdC Film
 PRODUCT : Duplex Clear PVC/PVdC 300.60 (H) Barrier Film
 CLIENT REFERENCE : TBA
 AFC MASTER REFERENCE : TBA

Description

PVC/PVdC film with good thermoformability and improved water vapour and oxygen barrier for pharmaceutical blister packs.

Homopolymer PVC Base Film

Test	Unit	Nominal Value	Tolerance	Test Method
Total weight	[g/m ²]	468	445 - 491	Internal
Total thickness	[µm]	336	319 - 352	DIN 53370
Thickness PVC	[µm]	300	285 - 315	DIN 53370
Thickness PE	[µm]	N/A	N/A	DIN 53370
Coating weight PVdC	[g/m ²]	60	57 - 63	Internal
Yield	[m ² /kg]	2.1	N/A	N/A
Bond strength	[N/60mm]	35	>35	Internal
Shrinkage MD	%	-6	max. -6	DIN 53377
Shrinkage TD		+2	max. +2	140 °C, 10 min

Barrier Values:

WVTR	(23°C, 85% r.h.)	[g/m ² x d]	0.10	≤ 0.10	ASTM F 1249
WVTR	(40°C, 75% r.h.)	[g/m ² x d]	0.50	≤ 0.50	ASTM F 1249
O2 Barrier	(23°C, 50% r.h.)	[cm ³ /m ² x bar x d]	0.70	≤ 0.70	ASTM D 3985

General:

Standard Colour: 950 Transparent
 Core Diameter: 76mm
 Roll Diameter: As per customers specification
 Roll Width: From 60mm to 1580mm
 Max Roll OD: 500mm

Shelf Life Of Material

The material will be shelf stable for a period of 12 months provided that the material is stored in the following manner:

1. Dry and well ventilated area.
2. Temperature between 5°C and 25°C.
3. Relative humidity of between 30% and 60% RH.

Protection from direct sunlight is necessary.

Packaging Supplier

Perlen Converting AG
www.perlenackaging.com

Quality Guidelines

DMF registered, USP and Ph EU 3.1.11, cGMP, and ISO9002 compliant.

Fully certified for pharmaceutical blister applications.

All technical data herein is provided in good faith but without warranty. The end user is solely responsible for determining the products suitability for use. AFC limits its liability to free replacement or full credit of material found to be out of specification and under no circumstances for any subsequent losses or other claims.